ANNOUNCEMENT

Dear REDFOX User:

Thank you for purchasing and using our products. For the sake of your safety and interests, before using the products, please carefully read the product specifications as well as all the materials attached to the PC. If you don't operate and use the products according to the product specifications, we shall not assume any responsibility for any personal harm, liabilities or other losses incurred.

The product specifications(thereafter referred to as specifications):

- The proprietary of the specifications belongs to our company;
- The proprietary of trademark and trade name mentioned in the specifications belong to their respective owners;
- If the content of specifications doesn't conform to that of the actual product, the actual product shall be bound.

If you have any misunderstanding or objection about any content or article & clause in the specifications, please put forward a written objection within 7days after purchasing the PC. Otherwise, it shall be deemed that you have agreed to, understood and accepted all the contents of the specifications.

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SPECIAL NOTICE

1.1 Special hint

In order to facilitate understanding and arouse your attention, we will give you the hints in this chapter or the chapters that follow according to the following levels and special warning words. These special warning words are expressed as follows:

[Danger]---indicating cautions against high risks;
[Warning]---indicating cautions against medium risks;
[Note]---indicating that attention should be paid to light risks;
[Prohibition]---indicating that dangerous operation should be prohibited;
[Reminder]---indicating that attention should be paid to safety or other contents;

This chapter doesn't provide all the safety information. For the sake of your safety and interests, we put the safety information on parts of the products in the subsequent chapters as needed. No matter where these safety information are located, you should carefully read them.

Similarly, besides the special notices expressed with special warning words, you should give same attention to other contents and introduction in the specifications.

1.2Please be sure to read the important hints for using laptop computer

Laptop computers belong to high-tech and precision products. Please be sure to carefully read the following user hints.

1) Maintenance of LCD

- Don't put any heavy things on the laptop computer.
- When using suitcases or backpacks, please make sure that there aren't too much things inside and no additional pressure is put on the laptop computer bag and the back part of LCD.
- Please don't scratch, twist or strike the screen surface of LCD.
- Don't place the screen of LCD in an environment where the temperature exceeds 40 degrees Celsius or the humidity exceeds 90%.
- Don't expose the screen of LCD to direct sunlight or strong fluorescence.
- Don't place any things between LCD screen and keyboard, such as pencil, documents and so on, which will destroy or scratch LCD screen. Please don't use corrosive detergent, which will destroy screen, to wipe LCD screen.

2) In order to prevent computer from overheating, please make sure not to block heat disperse ventilation vents in the computer operation.

3) When the computer system is accessing floppy drive, CD-ROM, mobile storage and other mediums, please don't remove the mediums. Otherwise, it will lead to the system breakdown or data destruction.

SPECIAL NOTICE

4）Please don't open the computer shell when the system is running because this will lead to data loss or destruction. The formatting of HD can delete all the data in HD. Please back up the data in advance. As for important data, please make sure that they have been timely backed up in other storage mediums. The company shall not assume any responsibility for the data losses incurred.

5）In order to guarantee your safety and of the computer, please make sure that the power has been correctly grounded when using the external power supply. If you won't use the computer for a long time, please pull off the power plug in order to avoid transient voltage causing system destruction. The power supply should be stable and be free from interference. When you are not clear about the local specifications on electric appliance, please consult your distributors or your local power company. For the sake of safety, please don't damage the grounding line of power socket. When plugging off the power, you should avoid pulling off the electric wire directly. Please make sure to pull from the root of socket so as to guarantee safety. Before cleaning the computer, please remember to first plug off the power socket and then remove the battery. Please don't disconnect the power adapter.

6）Please don't use the power adapter not attached to the laptop computer because this will damage the computer.

7）Please don't take or place the laptop computer with one hand or put your laptop computer in an unbalanced state.

8）This product can only be disassembled by authorized service staff of agent company. Please make sure to keep the sealing strip intact. Otherwise, the warranty or three guarantees service may be influenced.

9）If you have set up a password, please keep it in mind. Otherwise, your computer can not be started. If you have forgotten the password, please contact the supplier or authorized maintenance station. However, this may destroy all of your data.

1.3 Special notice

1) Applicable group

[Note]You should master a certain basic common language on computer in order to operate the computer. Meanwhile, the computer is not suitable for independent operation by children. If necessary, children must be accompanied by adults.

SPECIAL NOTICE

2) Working environment

[Danger] In order to prevent accidental failure, the computer should run within the following defined environmental scope:

Conditions	Value
Temperature (for storage and transportation)	-20°C - 50°C
Relative humidity (for storage and transportation)	20% - 93%(40°C)
Atmospheric pressure	86 kPa - 106 kPa
Adaptation capability of power	220V-22V, 50Hz ±1Hz
Working humidity	35% - 80%
Working temperature	10°C - 35°C

[Warning] In order to prevent the computer from being harmed by the environment (dampness, dust, food, liquid, direct exposure to sunlight etc), the computer should be placed in a dry place with good ventilation.

In order to prevent the computer from being disturbed and damaged by the magnetic field, please keep it away from other household electric appliances (such as Television set, air conditioner etc).

Please don't splash liquid or other impurities into the computer. Otherwise, it may lead to short-circuiting of its internal components, which will further give rise to electric shock or fire accidents.

[Note] If the computer is switched on and started when the low temperature condition hasn't been resumed, it may lead to irreparable faults on the computer. Therefore, before using the computer, please make sure that the computer is resumed for over 2 hours under the room temperature (above 10 degrees Celsius).

Before being used

[Warning] After the computer is stored and transported under the environment of lower than 10°C, the computer should be placed for over 2 hours under the room temperature condition of 10°C - 35°C before being used in order to prevent the computer temperature from getting excessively low, which thus give rise to electrified damages. Please don't disassemble the package during the period. Let the computer resume its temperature naturally and avoid the temperature increasing excessively quickly, which thus leads to electrified damages.

[Note] Before using the computer, please make sure that the computer connection, power use and other affairs conform to the requirements in the specifications.

SPECIAL NOTICE

Removal, transportation and storage
[Note] When moving the computer, special care should be taken.
The computer should be placed in the original packing box in case of transportation. You should pile and place the packing box according to the symbol and indication of packing & transportation diagram. You should also use closed cases in case of removal.

[Note]In case of storage, the packing materials should be placed beyond child's reach in order to prevent the occurrence of unsafe conditions.

[Note]According to the relevant interpretation of GB/T9813-2000 General Specifications of Micro-computer, after the computer is stored and transported under the environment of lower than 10°C, before using the computer, please place the computer for over 2 hours under the room temperature condition of 10-35 degrees Celsius in order to avoid electrified damages due to excessively low computer temperature. Please don't disassemble the package during the period. Let the computer resume its temperature naturally and avoid the temperature increasing excessively quickly, which thus leads to electrified damages due to computer frosting and dewing.

Battery
[Note] To replace the lithium battery of computer incorrectly may give rise to explosion risks. Please make sure that the replacement and installation of lithium battery is done by professional maintenance staff. Only battery products of same or equivalent types recommended by manufacturers can be used for replacement. The proper discarding of battery will lead to serious environmental pollution. Please dispose of the consumed battery in a proper way or return the waste & used battery to the post-sales & maintenance department for treatment so as to avoid environmental pollution.

1.4Please be sure to read the instructions on the battery of laptop computer

Please obey the following rules and use your battery properly.
1) Newly-purchased battery: The new battery can only be charged after the original electricity capacity is fully consumed.

SPECIAL NOTICE

2) Lifespan of battery:
Improper use and maintenance may shorten the battery lifespan. In order to increase the battery lifespan and enhance the battery functions, the battery should be fully and thoroughly discharged every 30 days and be re-charged until saturation.

3) Battery gauge:
- Inside the battery there is a built-in gauge, which can calculate the electricity of battery. The battery gauge depends on the battery memory to determine the extent whether to stop charging and discharging. However, if you frequently do incomplete charging or incomplete discharging, the battery memory will be in confusion.
- In order to increase the accuracy of the battery gauge, you should do complete discharging and complete charging until saturation for at least one time every other 30 days or after 20 times incomplete discharging.
- Due to the battery's own characteristics, the quantity of electricity will gradually decrease and the duration of operation will be shortened. Within the battery warranty period, the battery may not be charged to 100%. However, this doesn't influence the normal operation. This is a common phenomenon.

4) To save the battery power:
- Senior power management:
- Your laptop computer has a function of senior power management, which can slow down the speed of processor and ambient parts. The use of these functions will help to save the battery power
- The brightness of LCD:
- The LCD may consume a lot of power. Therefore, if the brightness is adjusted down, it will save some power.
- Software and peripheral:
- As for different software and peripherals, even if they are not the program or equipment in use, they still consume power. In order to save the battery power, we recommend as follows:
- If the Modem or other communication programs are not used, these programs shall be shut off.
- Take out the unused PC card from the computer slot.
- Because even in case of pause mode, PC card will also quickly consume the battery power.
- Pull off the unnecessary peripherals from the computer socket.

SPECIAL NOTICE

5) Q & A:

Q : How to fully discharge the battery?

A : Let the computer run with the battery power until the computer automatically shuts off due to excessively low power. Even when you see the information on excessively low power on the computer screen or when you hear the warning beep sound of excessively low power, you cannot manually shut off the computer. You should let the continuously running state of the computer go on until all the battery power is consumed and the computer is automatically shut off.

Q : How to fully charge the battery?

A : When the battery is being charged, you should generally wait until that the battery indication lamp on the computer indicates the charging has been completed, i.e. reaching the saturation.

For details, please refer to the indication lamp of power state in this manual.

Q : How to maintain the battery?

A : You should do one complete discharging and charging at least every 30 days or after every other 20 times of incomplete discharging.

6) Special attention:

- The battery can only be used in this laptop computer.
- The improper replacement of battery kinds may lead to explosion risks. Only the original battery of same type or the battery kinds of same levels recommended by the original manufacturer can be used for replacement.
- Please don't disassemble the battery.
- Please don't expose the battery to fire or water.
- In order to prevent the fire accident, combustion or damages on the battery, the two poles of the battery cannot be touched with metallic articles.
- Special care should be taken when handing damaged battery or battery with liquid leakage. If you touch the battery liquid carelessly, please rush to flush with soap and water. If it touches your eyes, please wash your eyes with water for 15 minutes and rush to hospital for medical treatment.
- If the environmental temperature is on the high side, please don't charge the battery.
- When storing the battery, please don't expose the battery to a high temperature.

All specifications and information are subject to changes without further notice

SPECIAL NOTICE

7) Power

[Danger] You need to use quality three-core grounding power plug and socket with grounding protection. The power socket should be finally inserted into power with sound grounding. A sound grounding is an important guarantee for the normal running of your computer. If you replace standard power lines without authorization, it may lead to serious results. Meanwhile, the maximum length of power lines shouldn't exceed 4.5 meters.

Before using the power, you should confirm that the power conforms to the requirements of computer use according to the specifications of power plug and socket. Quality power and excellent grounding are important guarantee for the normal running of the computer.

Otherwise, it may lead to serious results.

[Danger]

During the thunderstorm period, the use of products may harm the safety of your body and other assets. Therefore, during the weather of thunderstorm, please avoid using the computer, disconnect the telephone line, network line, power line and other conducts which are connected with outside. In case of thunder, please don't insert and pull these lines & cables.

[Warning]

Try not to insert the power line of 110V into the power line of 220V. You should also try not to change the voltage selector switch of the computer power. Any change may lead to personal body harm or damage of equipment.

[Note]

Carefully examine the AC power line attached when purchasing the computer. In case of any problems, please contact relevant dealer.

The power line used for microcomputer must conform to the following safety regulations:

- Conformity to CCC certification
- The power socket should be finally inserted into the power line with excellent grounding
- The power socket must conform to GB15934-2008

8) Ergonomics

[Reminder] When you work or play games on a computer, please adjust your environment and arrange your computer devices so as to make your body in a comfortable and flexible state. The following suggestions can help you obtain a more comfortable environment.

SPECIAL NOTICE

- Supporting your back:
  - ✓ Select a chair which can support the lower part of your back.
  - ✓ Adjust the height of working surface and chair so that they are in a comfortable and natural state.

- Making a comfortable posture for legs:
  - ✓ Remove the articles under the table to make the position and movement of your legs become more comfortable.
  - ✓ If your legs can not comfortably rest on the floor, just use one footstool.

- Reducing the bending and twisting of your neck:
  - ✓ Place LCD in the central position before you. If you refer to documents more frequently than display, please consider putting documents directly before you and the display should be slightly on the left side.
  - ✓ Please consider using document frame and place the document in a level near to your eyes.
  - ✓ Place the top part of screen in a level near to your eyes. As for those with astigmatism, it may be necessary to put the screen lower, or wear glasses suitable to computer work through consultation with qualified health experts.

- Decreasing the fatigue of eyes:
  - ✓ Put the screen in your arm's reach and comfortably sit before the screen.
  - ✓ Avoid glare. The position of display should be far away from the light source generating glare. Or you should use window curtain to control the light strength.
  - ✓ Please remember to clean the screen. If you wear glasses, please clean the glasses, too.
  - ✓ Please adjust the brightness and contrast of screen as well as the font size to a state which makes you comfortable.
  - ✓ When operating keyboard and touch pad, please lightly touch the keys and keep your hands and fingers relaxed. Just lightly strike the keyboard.
  - ✓ When single-clicking the touch pad or use game pole or other game controllers, you should lightly strike the keyboard.
  - ✓ Adjust your chair to not allow your seat to extrude the back of your knees.

All specifications and information are subject to changes without further notice

SPECIAL NOTICE

1.5 Instructions on safety

1) The power socket hole should be installed near the equipment or places easy for operation. When inserting and pulling the power line, avoid directly pulling out the power line by pulling and dragging. Please be sure to pull from the root of plug so as to guarantee the safety and caution against electric shock. Please don't disassemble the power adapter.

2) Not to place the product in places with easy access to water.

3) In case of installation, please place the product on a stable supporting foundation. This product may fall off due to unstable placement, which leads to serious damages.

4) Not to place the products in places where there are frequent flow of people so as to avoid trampling the electric wire. Please make sure that no articles are placed on the electric wire.

5) Follow all the warning information and indication on the products.

6) If you don't plan to use the product for a long period, please pull off the power socket so as to avoid excessive transient voltage, which can cause damages.

7) Please don't splash any liquid on the product. This action may lead to risks of fire accidents or electric shock.

8) In case of the following conditions, it should be serviced by professionals:

- The power line or socket has been destroyed or torn off.
- The liquid is splashed to the product.
- The product is drenched by raining or splashed by water.
- When you follow the instructions on operation, the product is still unable to run normally.
- If the product once fell off or its shell has been destroyed.
- If the product has apparent damages.

9) For the usage and storage temperature of this product, please refer to the product specification in annex A. If the product is not used and stored within the defined temperature scope, it may lead to permanent damages on the product.

10) Please don't use the power adapter where it's near to water or other liquids. Please don't splash liquid to the power adapter.

Note:
All the photos & diagrams in this manual are schematic diagrams and can only be used for reference. The actual use should be based on the object.

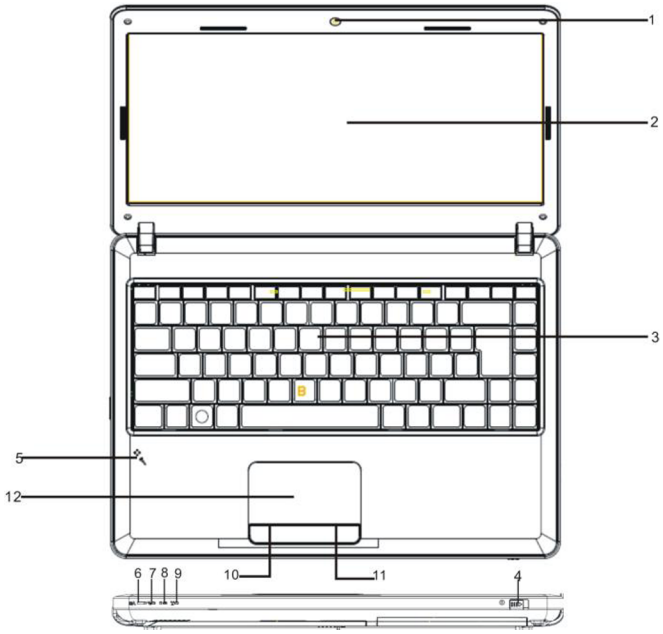
PRODUCT OVERVIEW

2.1 Introduction

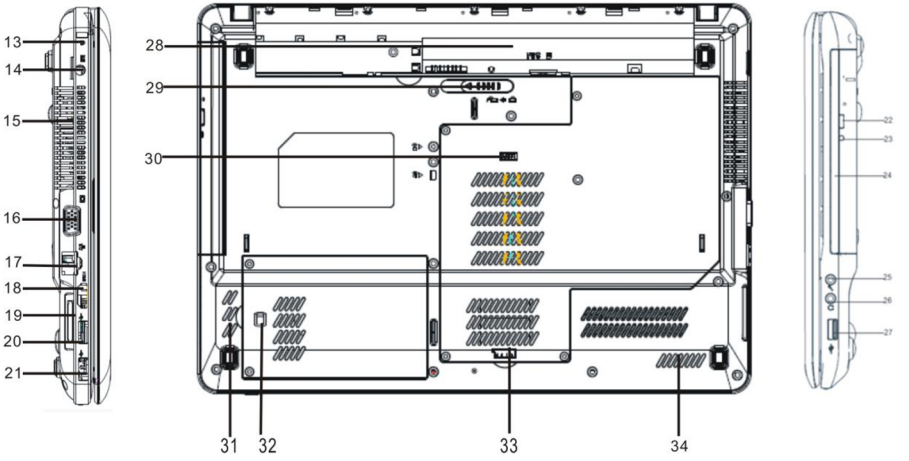
- Product name: laptop computer
- Series and type: D02-14B
- Characteristics of product performance: The laptop computer adopts the latest mobile computation technology of Intel and has a better performance.
- The system allows the upgrading and substitute of EMS memory and HD capacity. When replacing substitute products for capacity expansion, please consult your local distributor or go to designated maintenance department for operation.
- Clear LCD： The laptop computer has a back light LED, which brings you clear and bright colorful words and images.
- The feature of communication： This laptop computer is equipped with a built-in 802.11 BGN wireless solution for LAN.

2.2 Introduction to parts & components

(Note: The following images are schematic diagrams and the real objects shall be bound)



PRODUCT OVERVIEW



No.	Description	No.	Description	No.	Description
1	Internal Camera	15	Fan grid	26	Sound Output port
2	Display	16	VGA port	27	USB port
3	Keyboard	17	LAN port	28	Battery socket
4	Power button	18	HDMI port	29	Battery locking bolt
5	Internal microphone	19	Card reader socket	30	DDR socket
6-9	The details please refer	20	E-SATA port	31	Left speaker
	to the system's LED as	21	USB port	32	Hard Disk socket
	the follow section	22	ODD button	33	Wireless socket
10	Left key of mouse	23	ODD LED	34	Right speaker
11	Right key of mouse	24	ODD(Optical Disk Driver)		
12	Touch pad	25	Camera input port		
13	Computer locking bolt				
14	DC-IN socket				

2.3 Unpacking and inspection

Please carefully remove the package and take out the computer and other accessories. If any lost and missing are found, please immediately contact distributors .Please store the original packing materials for replacing goods

Generally, you will have the following parts& components

1. Laptop computer
2. Power adapter
3. User's manual
4. Disk on driver program
5. Battery
6. Warranty card
7. Quality certificate

REDFOX

3.1 Indicator lamp for the system status

LED Icon	Function
	The blue light indicates that system is in running status.
	The flashing red light indicates that the battery is being charged; The blue light indicates that the battery has fully charged.
	The blue light indicates that the system is reading HD
	The blue light indicates that the wireless network card is currently switched on.

3.2 Stop the computer

When you finish your work, you can shut off the computer power or let the computer enter the mode of standby or hibernation.

Mode of Stopping	Method	Method on re-starting or usage
Directly shut off the power	Please follow the program for shutting the operating system.. By doing so, you can avoid the losses of data or damages of software. If the system is halted due to the problems on hardware or software , you can use the power button to shut off the computer.	Using the power button
Standby	According to your setup of Windows, the system will enter the standby status according to following method: A, Close the computer button; B, Use the power button.	Using the power button
Hibernation	According to your setup of Windows, the system will enter the hibernation status according to following method: A, Close the computer button; B, Use the power button.	Using the power button

3.3 Function of keyboard

Icon	Hot Key	Function
	Fn+Esc	Enables Hibernation
	Fn+F1	Turns the Touchpad function on/off
	Fn+F3	Turns on/off Wireless Devices
	Fn+F4	Mute
	Fn+F5	Decreases brightness of the laptop display screen
	Fn+F6	Increases brightness of the laptop display screen
	Fn+F7	Switches to one of the three display modes, i.e. laptop screen only, external display only, and both laptop screen and external display used simultaneously
	Fn+F8	Turns on/off the display screen
	Fn+F11	Decreases master volume
	Fn+F12	Increases master volume
	Fn+Insert	Turns on/off Num Lock Function
PgUp	Fn+↑	Page up
PgDn	Fn+↓	Page down
Home	Fn+←	Skip to Home
End	Fn+→	Skip to End/Footer

You can start the numerical keyboard of internal keys by pressing Number lock. The numeric is displayed at the right lower corner of keys ,The Numerical keyboard contains the keys for the basic calculation ,i. e . plus, minus , times and divide.
Press the Number lock once again. The original keyboard will be resumed.

3.4 Touch pad
The built-in touch pad is a position device compatible with PS/2. You can feel the movement on its surface. Move your finger on the surface of touch pad, the cursor will follow.

3.5 Display screen

For the comfort of your eyes, your laptop computer is equipped with LED LCD, which supports high resolution and real color function. It brings marvelous visual excitement.

To prolong the lifespan of display screen.

To obey the following rules can prolong the lifespan of display screen.

- Adjust the brightness of screen into the minimum brightness, which is comfortable to you eyes.
- When using it on the table, please connect an external monitor and shut off the display screen of the laptop computer.
- Don't close the option of entering the pause mode in shutting off the power management.
- If the AC power is used and there is no external monitor, please don't switch to the pause mode when not using it.

[Note]

In order to prolong the battery lifespan, adjust the brightness to the minimum degree under the precondition of comfortable visual enjoyment. In this way, the internal light source can use less power.

3.6 Network card

The laptop computer is equipped with a built-in Ethernet network card conforming to 10/100Base-TX standard. Insert one end of the LAN line into RJ-45 interface at the right side of your computer. Then you can realize the data transfer through the internet.

Open or close wireless network

You computer is equipped with a built-in wireless network card. Please follow the hint of the operating system for setup and access of the wireless network. It will take some time for your computer to connect the wireless network. Please consult the local service provider of wireless network.

3.3 Function of keyboard

In this chapter, we will teach you how to enter the BIOS setup program as well as the setup of control options for all kinds of hardware. You will also learn how to use the setup of the built-in protection.

The setup of common program is a hardware status program built in the BIOS of the laptop computer. It can execute and maintain many hardware functions. It's a software enabling operation with the menu mode and allowing the easy setup and change of set value.

BIOS contains with the ex-works preset values of laptop computer. However, you still have a lot of opportunities to modify the preset values in BIOS. When the hardware is altered, such as upgrading , in case of temporary conditions, or when you decide to self-determine the set value of hardware so as to meet the special needs, it may be necessary for you to start the BIOS setup program.

BIOS can restrict the access by uses by setting up passwords. This is an important function because the laptop computer usually keeps a lot of materials and the unauthorized access can be prevented.

4.1 Method on use of BIOS setup

The cases where you must execute the BIOS setup:

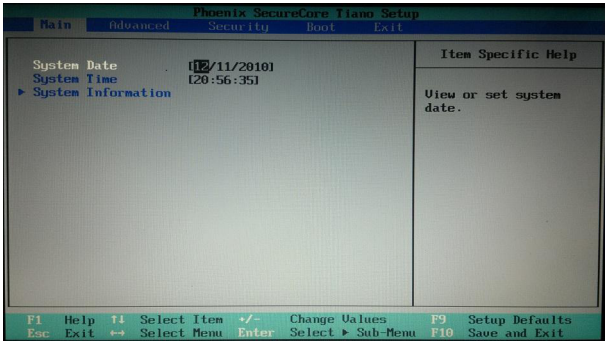
- In case of any problem founding in the booting test, some information will appear on the screen, requiring you to execute the BIOS setup.
- You need to resume the default value.
- You need to change the setup value according to the specific hardware.
- You need to change the setup value in order to acquire the optimum system performance.
- If you plan to execute the BIOS setup, press the F2 key when starting the computer.

How to select

For one option, you only complete the setup through two-level options. The majority of these options must pass three-level options: menu title, drop-down menu and sub-menu..

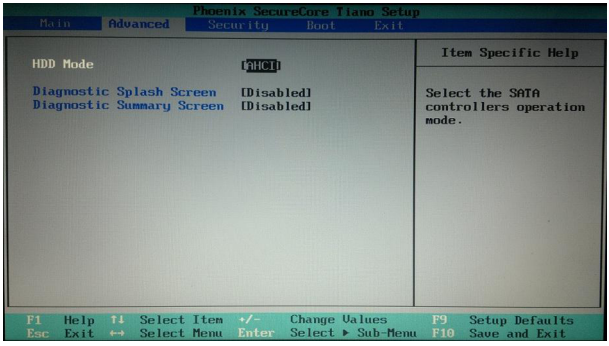
To move and select through keyboard. You can see the information on keyboard at the right lower corner of the screen.

4.2 Main (main setup)



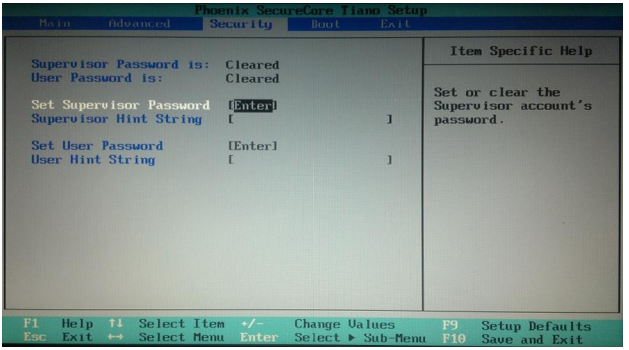
System Date: setup of the system data
System Time: setup of the system time
System Information: System Information Display

4.3 Advanced



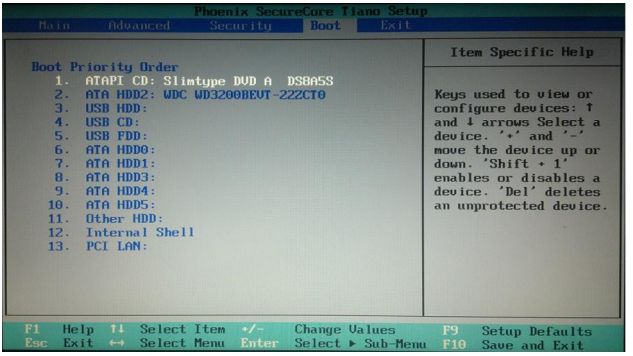
HDD Mode: Select the hard disk mode
Diagnostic Summary screen: System hardware configuration display
Diagnostic Splash Screen: POST display

4.4 Security


Phoenix SecureCore Tiano Setup
Main Advanced Security Boot Exit
Supervisor Password is: Cleared
User Password is: Cleared
Set Supervisor Password [Enter]
Supervisor Hint String [ ]
Set User Password [Enter]
User Hint String [ ]
Item Specific Help
Set or clear the Supervisor account's password.
F1 Help ↑↓ Select Item +/- Change Values F9 Setup Defaults
Esc Exit ↔ Select Menu Enter Select ▸ Sub-Menu F10 Save and Exit

Set User Password: Set User Password
Set Supervisor Password: Set Supervisor Password

4.5 Boot


Phoenix SecureCore Tiano Setup
Main Advanced Security Boot Exit
Boot Priority Order
1. ATAPI CD: Slimtype DVD A DS8A5S
2. ATA HDD2: WDC WD3200BEVT-22ZCT0
3. USB HDD:
4. USB CD:
5. USB FDD:
6. ATA HDD0:
7. ATA HDD1:
8. ATA HDD3:
9. ATA HDD4:
10. ATA HDD5:
11. Other HDD:
12. Internal Shell
13. PCI LAN:
Item Specific Help
Keys used to view or configure devices: ↑ and ↓ arrows Select a device. '+' and '-' move the device up or down. 'Shift + 1' enables or disables a device. 'Del' deletes an unprotected device.
F1 Help ↑↓ Select Item +/- Change Values F9 Setup Defaults
Esc Exit ↔ Select Menu Enter Select ▸ Sub-Menu F10 Save and Exit

Set the boot device boot sequence
Use <+ > and < -> adjust the boot sequence

INSTALLATION OF DRIVER PROGRAM

5.0 Installation of driver program

This laptop computer support Windows 7.

Open the CD-ROM with random allocation, operation procedures, illustrated as follows:

6. 0 Basic Troubleshooting

REDFOX Laptop computers go through a complete system test and quality control before being available in the market. However, in some cases, you may encounter some problems on your computer hardware or software due to incorrect operation or negligence, which needs to be addressed immediately.

This chapter provides instructions on addressing general problems on hardware and software you may encounter and work out on your own. If the problem continues to emerge, consult your distributors for service information.

6.1 Sound Problems

No sound

- Double-click the loudspeaker icon at the right lower corner of the taskbar and check whether the volume of loudspeaker has been adjusted down or muted.
- Press Fn+F12 in order to increase the volume.
- Most of the problems on sound are due to software adjustment. Check on your program settings and adjust accordingly.

BASIC TROUBLESHOOTING

Unable to record sound
For Windows users, double-click the loudspeaker icon at the lower right corner of the taskbar.

1.Press the Option and select Property.
2.Select Recording and press the Enter button.
3.After the Enter button is pressed, the control console for recording volume will pop out.

6.2 Hard Drive Problems

HD is unable to run normally or not recognized by the system

- If you upgraded the HD, check if the actual disk is firmly attached and if the HD installation is properly completed. Pull off the joint, re-insert it firmly and restart the computer.
- The new HD need partitioning and re-formatting. The operating system and driver program also need to be re-installed.
- Examine if the HD indicator lamp flashes in response when accessing documents and processing programs.
- Check if the HD is broken due to physical or electrostatic damage. In this case, you may need to replace the HD and re-install the OS, drivers and other program.

Slow processing

- If your HD has been used for a long time, excessive and unorganized files and programs may result to disc fragmentation which in turn slows down processes. To defragment drive:

  Start > Program > Accessory > System Tool > Disk defragmentation.

  This process may take some time.
- Check if the hard drive has been infected with virus. Install anti-virus software to remove malware.

Document damaged

- Please execute the surface scan in the disc scanning program for disc examination.
- Double-click My Computer. Right click C: and select Property. Select Start Checkup under the Tool menu to execute the disc scan.

BASIC TROUBLESHOOTING

6.3 Display Problems

Black screen

- Please make sure that the laptop computer is not in hibernation or standby mode. While the REDFOX Laptop Computer is in these modes, the display will be shut off.
- Press the functional key Fn+F6 to increase the brightness of screen.
- Press the functional key Fn+F7 to confirm that the REDFOX laptop computer is not in the CRT output mode.
- Press the functional key Fn+F8 to turn on the display screen.

Screen flashing
When you start or shut the computer, the screen may normally flash for several times.

'Damaged points' in the display
Due to the restriction of LCD manufacturing process, some image points cannot display certain colors on LCD (i,e generally called damaged point). For details, please refer to GB/T9813-2000.

The relevant contents on the national standards are as follows.
Inspection shall be conducted under the following condition:

- Ambient temperature: 20°C - 25°C
- Light: 300lx-700lx
- Distance for visual observation: the visual line and screen surface form 90 degrees.

6.4 Problems on memory

After installing a new memory card, the added memory capacity is not displayed during self-testing in the POST boot.
See if:

- The installation of memory module may be incorrect.
- The memory module may be broken.
- Your system may be incompatible with some memory modules.

Error information on insufficient memory is displayed
This problem is usually resulted from installed programs or restrictions in the OS. Close unused application programs and re-start the computer. You may also install more memory modules to expand memory capacity.

SPECIAL DECLARATION

This laptop computer can support several peripheral devices & hardware, such as mouse, keyboard, printer and scanner. As for the peripheral equipment accompanied with the computer, the computer doesn't guarantee the compatibility and reliability of its products. When users use the products, they must conform to the contents in the specifications. If consumers purchase the peripheral equipment from third parties, which will be connecting to the laptop computer, please conform to the equipment specifications, correctly connecting the peripheral equipment and computer, and installing corresponding driver program under the operating system supporting the equipment. As there are a lot of peripheral equipment manufacturers on the market, in order to guarantee the benefits of consumers, we recommend consumers to purchase quality-guaranteed products from famous manufacturers. In case that the third-party peripheral equipment are incompatible to the laptop computer, consumers should contact the third-party manufacturers.

As for software presented with the laptop computer (all the pre-installed software are presented software with the computer, they are free of charge for users), the company can guarantee the functionality and compatibility of its software. Users should refer to the user's guide for correctly using the special requirement by the software. Most genuine software on the market, except for the special requirement by the software, can run normally on the laptop computer. In order to guarantee the consumers' benefits, users are advised to purchase genuine software from official channels. As for any third-party software independently purchased and installed by users, users should follow the specifications for corrections. In case that the third-party software is incompatible to the laptop computer, consumers should contact the third-party manufacturers. It is recommended that before users purchase hardware or software from third parties, they can only purchase after the third-party manufacturers or distributors pass relevant test in order to guarantee their interests. As for problems on third-party hardware or software, the computer cannot guarantee customers' requirement for goods returning and changing .The company can supply technical support.

ANNEX A PRODUCT SPECIFICATIONS

Intel latest mobile computation technology adopted.
CPU
CedarTrail-D Intel Atom D2500 1.86GHz
CedarTrail-D Intel Atom D2700 2.13GHz
Chipset
[1] ICH: NM10
System memory
DDRIII 1333MHz, expandable up to 4GB maximum
Integrated VGA card : Intel GMA3600
Video Memory
Integrated Graphics: Dynamic Video Memory Technology
Screen
14.0 " LED LCD screen resolution of 1366x768
Graphics
System integrated graphics.
Keyboard
86 keys 14' keyboard
Card Reader
Four-in-one card reader, support SD / MS / MMC / MS-Pro
HDD
Supported 2.5 'SATA interface different capacity of the hard disk
LAN
10/100/1000M LAN
Wireless network
Mini PCI-E wireless card to support the 802.11 B/G/N
Power Supply
19V/40W power adapter
19V/65W power adapter
Battery
4 cells lithium battery, 14.8V/2200mAH
6 cells lithium battery, 11.1V/4400mAH
Size
About 338*239*34 mm
Weight
4 cells lithium battery :About2.019 Kg kilograms
6 cells lithium battery :About 2.107 Kg kilograms

Note: As the specifications and configuration of the laptop computer are being updated quickly, there shall be no prior notice if there is any change on the product specifications. The configuration of computer purchased by users shall be the final result.